RBR_id	key	Rel	Cat	Seg	type	s-v-m	s-v-s	a-v-m	a-v-s	CCR	text	interpretation text	clar
SDPS 0010# B	7 4 0 9	B0	mission essential	SDPS	functional	test	un-verified	test	un-verified	97-0523	The SDPS shall provide CSMS with operational, data processing, data quality and accounting status.		
SDPS 0015# B	8 4 9 3	B0B1	mission essential	SDPS	functional	test	un-verified	test	un-verified	96-1443 A	The SDPS shall receive directives on priorities and policy, including schedule conflict resolutions, from the SMC.	Conflict resolution reporting and coordination is done in B1.	
SDPS 0016# B	6 3 0 7	B0	mission essential	SDPS	functional	test	un-verified	test	un-verified		The SDPS shall coordinate and resolve schedule conflicts between IMS, DADS and PGS.	Planning confirms as a part of production schedualing that Ingest and Data Server are available.	
SDPS 0020# B	9 1 6 8	B0B1	mission critical	SDPS	functional	test	un-verified	test	un-verified	97-0523	The SDPS shall receive EOS science, engineering, ancillary and expedited data from the EDOS and the IPs, and non-EOS data, in situ data, associated algorithms, documentation, correlative data, and ancillary data (as listed in Appendix C) from ADCs, EPDSs, and ODCs.	B: Exchange of inf. w/ IPs; ASTER GDS interfaces to EDC DAAC only. ONLY THE GSFC AND LARC DAACS WILL INTERFACE WITH EDOS.	ODCs do not apply for B0.
SDPS 0021# B	8 2 5 0	B0	mission critical	SDPS	functional	test	un-verified	test	un-verified	96-1212 B	The SDPS shall convert the following ancillary data sets from their native formats into ECS internal formats to allow access by science algorithms: a. NMC final analysis report b. NESDIS Snow/Ice Product c. TOMS products		
SDPS 0022# B	9 1 7 1	B1	mission critical	SDPS	functional	test	un-verified	test	un-verified	97-0255 A	The SDPS shall utilize FOS plans and scheduling information to generate EDOS Level 0 data availability information and integrate it into SDPS data availability schedules.	Full AM-1 mission operational relevance	ECS capabilities with EDOS are necessary for support of AM-1 mission
SDPS 0025# B	8 5 0	B0	mission essential	SDPS	functional	tes	un-verified	tes	un-verified	96-1443 A	The SDPS shall accept scientific and non-scientific investigator supplied dataset		

RBR_id	key	Rel	Cat	Seg	type	svm	s-v-s	avm	a-v-s	CCR	text	interpretation text	clar
	5					t		t			specific data transformations.		
SDPS 0026# B	8507	B0	mission essential	SDPS	functional	test	un-veri fied	test	un-veri fied	96-1443 A	The SDPS shall provide the capability for performing dataset specific data transformations.		
SDPS 0030# B	8530	B0	mission essential	SDPS	functional	test	un-veri fied	test	un-veri fied	97-0019	The SDPS shall produce Standard Products (as listed in Appendix C, including prototype products on a time-available basis) for EOS instruments based on the algorithms source code and calibration coefficients supplied by EOS scientists.	B: AM-1	
SDPS 0031# B	8509	B0	mission essential	SDPS	functional	test	un-veri fied	test	un-veri fied	96-1443 A	The SDPS shall generate browse data and metadata for routing to the requesting users.		
SDPS 0032# B	8511	B0	mission essential	SDPS	functional	test	un-veri fied	test	un-veri fied	96-1443 A	The SDPS shall provide the PIs and the other science users with the updated metadata for the assessment of data product quality.		
SDPS 0035# B	9172	B0	mission essential	SDPS	functional	test	un-veri fied	test	un-veri fied	97-0255 A	The SDPS shall produce derived ancillary products as Standard Products for EOS investigators based on algorithms and coefficients for conversion, calibration, and transformation of selected engineering/housekeeping data parameters.	B: AM-1 only	
SDPS 0050# B	8516	B0	mission essential	SDPS	functional	test	un-veri fied	test	un-veri fied	97-0523	The SDPS shall archive, manage, quality check, and account for the generated data products, and distribute the data products to the appropriate destinations as required.		
SDPS 0080#	8	B0B1	mission essential	SDPS	functional	te	un-veri	te	un-veri	97-0523	The SDPS shall archive, manage, quality	B: ASTER GDS interfaces to EDC	ODCs do not apply for B0.

RBR_id	key	Rel	Cat	Seg	type	svm	s-v-s	avm	a-v-s	CCR	text	interpretation text	clar
B	518					st	fied	st	fied		check, and account for all science and ancillary data received from the IPs, the EPDSs, the SCFs, the ADCs, the ODCs, other DAACs, PIs and the other EOS science users.	DAAC only.	
SDPS 0085# B	8523	B1	mission essential	SDPS	functional	test	un-verified	test	un-verified	96-1443 A	The SDPS shall support data products transitioned from V0 at a level of service equal to or greater than the level of service provided for those same data products by V0. The levels of service are defined in Appendix C of the ESDIS Project Level 2 Requirements, Volume 5 EOSDIS Version 0.		
SDPS 0090# B	8526	B0	mission essential	SDPS	interface	inspection	un-verified	inspection	un-verified	96-1443 A	The SDPS shall interface with the PIs and the other science users to support the development and testing of data product algorithms and QA of produced data products.		
SDPS 0091# B	8527	B0B1	mission fulfillment	SDPS	functional	test	un-verified	test	un-verified	96-1443 A	The SDPS shall receive a quality report that is generated and transmitted by the PIs or the other science users, and appended to the data products being archived by the SDPS.	Quality Reports are contained in the data products Metadata. Quality Control is a B1 function.	
SDPS 0095# B	8529	B0	mission fulfillment	SDPS	functional	test	un-verified	test	un-verified	97-0523	The SDPS shall provide science user interfaces that are individually tailorable including settable preferences, user defined keywords, query save capabilities, and screen layout preferences.	User profile information is used to tailor user settable preferences for ECS developed services.	
SDPS 0100#	85	B0B1	mission essential	SDPS	functional	tes	un-veri	tes	un-veri	97-0523	The SDPS shall be responsible for delivery of EOS data and data products to		ODCs and distribution on

RBR_id	key	Rel	Cat	Seg	type	svm	s-v-s	avm	a-v-s	CCR	text	interpretation text	clar
B	31					t	fied	t	fied		the IPs, the ADCs, the ODCs and the other science users via EOSDIS networks and on a variety of physical media.		3480/3490 tape ~~do~~ does not apply for B0.
SDPS 0110#B	8532	B0	mission essential	SDPS	functional	test	un-veri fied	test	un-veri fied	97-0523	The SDPS shall be responsible for coordination of the transfer of production and expedited science and engineering data from the IPs.	The IPs are tested for the interface.	
SDPS 0120#B	9163	B0	N/A_procedural	N/A_procedural	procedural	inspection	N/A_procedural	inspection	N/A_procedural	97-0255A	The SDPS shall be capable of operating in a 24-hour a day, 7-day a week mode.	ECS shall meet this requirement by inspection of applicable results from RMA requirements EOSD3700B through EOSD4020B.	
SDPS 0130#B	8538	B0B1	mission essential	SDPS	functional	test	un-veri fied	test	un-veri fied	96-1443A	The SDPS shall provide the capability for DAACs to exchange data products, browse data, metadata, data quality information, research results, and documentation.	Only GSFC, LaRC, NSIDC and EDC DAACs apply to B0. Documentation transfer is a B1 function.	
SDPS 0140#B	8540	B0B1	N/A_procedural	~~SDPS~~ N/A_procedural	procedural	inspection	N/A_procedural	inspection	N/A_procedural	97-0523	The SDPS shall support element, system, and subsystem test activities throughout the development phase.	This requirement is a SOW activity; reference SOW section 3.3.4.2 Segment/Element Software and Databases.	
SDPS 0150#B	9173	B0	mission essential	SDPS	functional	test	un-veri fied	test	un-veri fied	97-0255A	The SDPS shall assign priority and distribute expedited data and expedited data availability notices.		
SDPS 0170#	91	B1	mission essential	SDPS	evolvable	tes	un-veri	ana	un-veri	97-0523	The SDPS shall accommodate growth in		

RBR_id	key	Rel	Cat	Seg	type	svm	s-v-s	avm	a-v-s	CCR	text	interpretation text	clar
B	76					t	fied	lysis	fied		the instrument processing load and storage capacity without changes to the SDPS architecture or design.		
SDPS 0200# B	6198	B1	mission fulfillment	SDPS	functional	demo	un-verified	demo	un-verified		In support of reducing production data dependency flow bandwidth consumption during inter-DAAC network transmission, the ECS shall support subsetting through the use of geographical masking (land/sea mask, snow/ice mask) for standard production as well as reprocessing.		
SDPS 0210# B	6199	B1	mission fulfillment	SDPS	functional	demo	un-verified	demo	un-verified	97-0228 B	In support of reducing production data dependency flow bandwidth consumption during inter-DAAC network transmission, the ECS shall support the application of lossless compression and decompression techniques on data set files for removal of data set fill pixels, for standard production as well as reprocessing.		
SDPS 0220# B	6200	B1	mission fulfillment	SDPS	functional	demo	un-verified	demo	un-verified		In support of reducing production data dependency flow bandwidth consumption during inter-DAAC network transmission, the ECS shall support subsetting through swath width reduction by selection of a range of pixels from each swath row, for standard production as well as reprocessing.		
SDPS 0230# B	8317	B1	mission fulfillment	SDPS	functional	demo	un-verified	demo	un-verified	97-0225 A	In support of reducing production data dependency flow bandwidth consumption during inter-DAAC network transmission, the ECS shall support subsetting by spectral band(s) selection, for standard production as well as reprocessing.		